## IAPI Rec'd PCT/PTO 14 APR 2006

FORM PTO-1390 (Modified)
U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE
(REV 12-2004)

	TRA	NSMITTAL LETTER TO THE U	INITED STATES	ATTORNEY'S DOCKET NUMBER							
		ESIGNATED/ELECTED OFFIC		047084-0137							
	C(	DNCERNING A FILING UNDER	35 U.S.C. 371	U.S. APPLICATION NO (II know), 39 37 2.95 18 9 2							
		NAL APPLICATION NO. INTERNAT 04/015052 10/13/2	IONAL FILING DATE	PRIORITY DATE CLAIMED 10/16/2003							
TIT	LE OF IN	ENTION									
		RFLOW HEAT EXCHANGER S) FOR DO/EO/US									
	Mitsuru IV	ASAKI and Kazunori NAMAI									
App	olicant her	ewith submits to the United States Designa	ted/Elected Office (DO/EO/US)	the following items and other information:							
1.	$\boxtimes$	This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.									
2.		This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.									
3.	$\boxtimes$	This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.									
4.		The US has been elected (Article 31).									
5.	୍⊠	A copy of the International Application as filed (35 U.S.C. 371(c)(2))									
	•	is attached hereto (required only if	ational Bureau).								
		has been communicated by the Inte	ernational Bureau.								
	_	is not required, as the application was filed in the United States Receiving Office (RO/US)									
6.	$\boxtimes$	An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).  ☐ is attached hereto. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).									
7.		Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))  are attached hereto (required only if not transmitted by the International Bureau).  have been communicated by the International Bureau.  have not been made; however, the time limit for making such amendments has NOT expired.  have not been made and will not be made.									
8.		An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).									
9.	$\boxtimes$	An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).									
10.		An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).									
lten	ns 11 to 2	0 below concern other document(s) or i	nformation included:								
11.	$\boxtimes$	An Information Disclosure Statement under	er 37 CFR 1.97 and 1.98.								
12.	$\boxtimes$	An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included									
13.	$\boxtimes$	A preliminary amendment.									
14.	$\boxtimes$	An Application Data Sheet under 37 CFR 1.76.									
15.		A substitute specification.									
16.		A power of attorney and/or change of address letter.									
17.		A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 – 1.825									
18.		A second copy of the published international application under 35 U.S.C. 154(d)(4).									
19.		A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).									
20.		Other items or information:		```							
FOR	MPTOST	90 (Modified)									

## IAP15 Rec'd PCT/PTO 14 APR 2006

Unissigned 75 8 9 2 PCT/JP2004/015052 04708								Y'S DOCKET NUMBER 34-0137			
	The followi	ng fees have									
21. Basic national fee \$300								\$	300.00		
22. Examination fee  If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4)  All other situations  \$200									200.00		
23. 🛛	Search fo		<u> </u>								
Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the  USPTO as an International Searching Authority \$100											
International Search Report prepared and provided to the Office \$400											
	All other situations \$500										
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				t (37 CFR 1.21(h)). The as			е	\$	40.00		
accompa	nied by an a	ppropriate o	over shee	et (37 CFR 3.28, 3.31). 40	.00 per pr	operty					
				TOTAL	FEES EI	NCLOS	ED =	\$ 940.00			
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b. 🗆				Account No. <u>19-0741</u> in the tis enclosed.	the amo	unt of _		_ to co	over the above	fees.	
c. 🛚	The Com	missioner nent to Dep	is hereb	by authorized to charge count No. <u>19-0741</u> . A de	any ado	litional copy of	fees v	which heet i	may be require s enclosed.	ed, or credit any	
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2038.  NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.											
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